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8/2/06

SYNNESTVEDT & LECHNER LLP

In re/ Application of Joseph Pilarski
Application No. 10/691,145

Atty. Docket No. P27,363 USA
July 10, 2006
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In the Specification

Please amend the text from page 13, line 29, to page 15, line 29, to recite:

Fig. 1 Table showing balance of toast, blood sugar and insulin. The Table shows how a diabetic with a morning sugar of 144 can determine how much insulin, he would need to take to get back to 144 in two hours if he had 2 toasts. Each toast adds 54 units of blood sugar, so 2 toast = 108 blood sugar. Since 108 units of blood sugar are added, 108 units also have to be removed to get back to 144. If for the diabetic, 1 insulin absorbs 27 units of blood sugar, then 4 insulin will absorb 108. It will take 4 units of insulin to take away the 108 blood sugar added, and bring the diabetic's blood sugar back to 144, as shown in the table.

Fig. 2 Table showing balance of toast, blood sugar and insulin. Insulin activity is considered over time. The table shows that if one used fast-acting insulin that starts to work in one hour, and reaches its peak in 2 hours, then the diabetic can take 4 units of fast-acting insulin.

Fig. 3 Table showing imbalance of toast, blood sugar and insulin if insulin and sugar are considered to act immediately. Use of longer acting insulin means that more boxes are drawn and a longer time-frame is planned. Insulin activity cannot be considered without considering its effects and activity over time.

Fig. 4 Table showing amounts of toast, blood sugar and insulin. Sugar release from toast and insulin activity are considered over time. The figure shows that the intermediate-acting insulin does very little for 2 hours, and then removes sugar at a rate of 27 blood sugar units for the next 6 hours.

Fig. 5 Table showing amounts of toast, blood sugar and insulin. Figure 5 shows the results that can be obtained if a diabetic wakes up with 144 blood sugar in the morning, and one gives him the insulin 2 hours earlier than planned.

Fig. 6 Table showing amounts of toast, blood sugar and insulin after eating toast 2 hours later than the scenario in Figure 5.